

TECH CENTER 1600/2900

16C1

DATE: 12/06/2001
TIME: 11:31:03

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/640,041

Input Set : A:\503.app
Output Set: N:\CRF3\12062001\I640041.raw

4 <110> APPLICANT: Kavanaugh, W. Michael
5 Cen, Hui
6 Lee, Pauline
9 <120> TITLE OF INVENTION: EGFR2 GENES AND GENE PRODUCTS
12 <130> FILE REFERENCE: PP-01615.002/200130.503
14 <140> CURRENT APPLICATION NUMBER: US 09/640,041
15 <141> CURRENT FILING DATE: 2000-08-15
17 <160> NUMBER OF SEQ ID NOS: 7
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 348
23 <212> TYPE: DNA
24 <213> ORGANISM: Mus musculus
26 <400> SEQUENCE: 1
27 atgccaacag atcacgagca gccctgtggc cccaggcaca ggtcattttg cctcaatggg 60
28 gggattttgtt atgtgatccc tactatcccc agcccattct gtaggtgcatt tgaaaattac 120
29 accggagcac gctgcgaaga ggttttctc ccaagctcca gcattccaaag cgaaagtaat 180
30 ctgtcggcag cttdcggtt gctggcggtc ctccctcaactc ttaccatcgc ggcgtctgc 240
31 ttccctgtgca ggaaggcaca ccttcagagg gccagttcag tccagtgtga gatcagcctg 300
32 gtagagacaa acaataccag aaccgtcac agccacagag aacactga 348
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 115
36 <212> TYPE: PRT
37 <213> ORGANISM: Mus musculus
39 <400> SEQUENCE: 2
40 Met Pro Thr Asp His Glu Gln Pro Cys Gly Pro Arg His Arg Ser Phe
41 1 5 10 15
42 Cys Leu Asn Gly Gly Ile Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro
43 20 25 30
44 Phe Cys Arg Cys Ile Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val
45 35 40 45
46 Phe Leu Pro Ser Ser Ile Pro Ser Glu Ser Asn Leu Ser Ala Ala
47 50 55 60
48 Phe Val Val Leu Ala Val Leu Leu Thr Leu Thr Ile Ala Ala Leu Cys
49 65 70 75 80
50 Phe Leu Cys Arg Lys Gly His Leu Gln Arg Ala Ser Ser Val Gln Cys
51 85 90 95
52 Glu Ile Ser Leu Val Glu Thr Asn Asn Thr Arg Thr Arg His Ser His
53 100 105 110
54 Arg Glu His
55 115
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 348
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 atgccaacag atcacgagca gccctgtggc cccaggcaca agtcgttttgc cctgaatggg 60

ENTERED

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64 gggctttgtt atgtgatacc tactattccc agcccathtt gtaggtgcgt tgaaaactat 120
 65 acaggagctc gttgtgaaga ggttttctc ccaggctcca gcatccaaac taaaagtaac 180
 66 ctgtttgaag cttttgtggc attggcggtc ctagtaacac ttatcattgg agccttctac 240
 67 ttcccttgca ggaaaggcca ctttcagaga gccagttcag tccagtgatga tatcaacctg 300
 68 gtagagacga gcagtaccag tgcccaccac agtcatgaac aacactga 348
 70 <210> SEQ ID NO: 4
 71 <211> LENGTH: 115
 72 <212> TYPE: PRT
 73 <213> ORGANISM: Homo sapiens
 75 <400> SEQUENCE: 4
 76 Met Pro Thr Asp His Glu Glu Pro Cys Gly Pro Ser His Lys Ser Phe
 77 1 5 10 15
 78 Cys Leu Asn Gly Gly Leu Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro
 79 20 25 30
 80 Phe Cys Arg Cys Val Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val
 81 35 40 45
 82 Phe Leu Pro Gly Ser Ser Ile Gln Thr Lys Ser Asn Leu Phe Glu Ala
 83 50 55 60
 84 Phe Val Ala Leu Ala Val Leu Val Thr Leu Ile Ile Gly Ala Phe Tyr
 85 65 70 75 80
 86 Phe Leu Cys Arg Lys Gly His Phe Gln Arg Ala Ser Ser Val Gln Tyr
 87 85 90 95
 88 Asp Ile Asn Leu Val Glu Thr Ser Ser Thr Ser Ala His His Ser His
 89 100 105 110
 90 Glu Gln His
 91 115
 94 <210> SEQ ID NO: 5
 95 <211> LENGTH: 10
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
 100 <223> OTHER INFORMATION: The antigenic determinant recognized by the myc
 101 monoclonal antibody which can be incorporated to
 102 allow myc monoclonal antibody-based affinity
 103 purification.
 105 <400> SEQUENCE: 5
 106 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
 107 1 5 10
 110 <210> SEQ ID NO: 6
 111 <211> LENGTH: 5
 112 <212> TYPE: PRT
 113 <213> ORGANISM: Artificial Sequence
 115 <220> FEATURE:
 116 <223> OTHER INFORMATION: Preferred thrombin cleavage site.
 118 <400> SEQUENCE: 6
 119 Leu Val Pro Arg Gly
 120 1 5
 123 <210> SEQ ID NO: 7
 124 <211> LENGTH: 10

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125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Sequence that can be incorporated to facilitate
130 purification by binding to paramagnetic
131 streptavidin beads.
133 <400> SEQUENCE: 7
134 Ser Ala Trp Arg His Pro Gln Phe Gly Gly
135 1 5. 10

VERIFICATION SUMMARY

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Input Set : A:\503.app

Output Set: N:\CRF3\12062001\I640041.raw